

Global Circulating Vaccine-derived Poliovirus (cVDPV)^{1,2,3}

¹For cVDPV definition see http://polioeradication.org/wp-content/uploads/2016/09/Reporting-and-Classification-of-VDPVs_Aug2016_EN.pdf. ²Figures include multiple emergences. ³ stool collected in Sep - 2016 but the final result was reported in 2017. ⁴ Include contact, healthy and community samples. ⁵ 1 cVDPV2 and cVDPV3 isolated from one child. ⁶No clear evidence of in-country community transmission; investigations underway

Data in WHO HQ as of 28 Dec. 2021

	Country	AFP cases (Paralysis onset between 2016-2021)							Other sources (Human) ⁴ (Collection between 2016-2021)							Other sources (Environment) (Collection between 2016-2021)						
		2016	2017	2018	2019	2020	2021	Onset of most recent case	2016	2017	2018	2019	2020	2021	most recent collection date	2016	2017	2018	2019	2020	2021	most recent collection date
cVDPV1 ¹	Madagascar					2	11	03-Nov-21						19	14-Oct-21						26	26-Oct-21
	Yemen				1	31	3	27-Mar-21				1			07-Jul-19							
	Malaysia				3	1		14-Jan-20											12	9		13-Mar-20
	Philippines				2			28-Oct-19				1			31-Oct-19				14			28-Nov-19
	Myanmar				6			09-Aug-19				6			21-Aug-19							
	Indonesia				1			27-Nov-18				2			13-Feb-19							
	PNG			26				18-Oct-18			7				20-Sep-18			7				06-Nov-18
Laos	3						11-Jan-16	5						09-Feb-16								
Total type 1	3	0	27	12	34	14		5	0	7	10	0	19		0	0	7	26	9	26		
cVDPV2 ¹	Egypt						17	27-Oct-21						34	17-Nov-21					1	11	18-Nov-21
	Senegal							31-Oct-21	2 ²		53	18	8	177	08-Nov-21	1		44	64	5	217	09-Nov-21
	Nigeria	1		34	18	8	385	20-Nov-21		19	15	29	95	6	22-Nov-21					1	2	23-Nov-21
	DR Congo		22	20	88	81	17	29-Oct-20				43	1		05-Oct-20				9	2	1	03-Nov-21
	Central African Republic				21	4								4	19-Jul-21						6	03-Nov-21
	Mauritania																				2	02-Nov-21
	Uganda					7	3	11-Oct-21					4	3	29-Oct-21				4	9	1	25-Oct-21
	Cameroon						1	03-Sep-21						18	09-Oct-21							
	Ukraine			10	1	10	10	22-Sep-21			4	6	2	1	13-Aug-21					9		08-Dec-20
	Niger							08-Oct-21														
	Yemen						6														9	09-Sep-21
	Gambia													2	08-Sep-21					5	1	22-Mar-21
	Benin				8	3	3	08-May-21						22	24-May-21						17	13-Aug-21
	Tajikistan				1	32		26-Jun-21														
	Pakistan	1			22	135	8	23-Apr-21				14	2		11-Nov-20	4			40	135	35	11-Aug-21
	Guinea					44	6	01-Apr-21					1		05-Sep-20					1	2	03-Aug-21
	Guinea-Bissau						3	15-Jul-21						1	26-Jul-21							
	Ethiopia				14	36	10	16-Sep-21				9	7		13-Oct-20				3	4		28-Dec-20
	Afghanistan					308	43	09-Jul-21					36	2	03-May-21					175	40	23-Jun-21
	Burkina Faso				1	65	2	09-Jun-21					12		19-Sep-20							
	Sierra Leone					10	5	28-Feb-21					6	8	19-Mar-21						9	01-Jun-21
	Congo					2	2	10-Feb-21					2		12-Oct-20					1	2	01-Jun-21
	Liberia						3	28-May-21					2	5	21-Jan-21					7	14	20-Apr-21
	Somalia			6 ⁵	3	14	1	12-May-21				2	13		10-Nov-20	2	19	5	27	1		23-May-21
	South Sudan					50	9	10-Apr-21					19	5	25-Feb-21					6		01-Dec-20
	Iran																			3	1	20-Feb-21
	Kenya												1	2	25-Jan-21			1		1	1	13-Jan-21
	Côte d'Ivoire					64		18-Oct-20					24		01-Nov-20				7	93		23-Dec-20
	Mali					52		23-Dec-20					3		15-Aug-20					4		29-Aug-20
	Sudan					59		18-Dec-20					11		01-Oct-20					14		09-Nov-20
	Chad				11	101		28-Nov-20				6	17		15-Oct-20					10	3	13-Mar-20
	Ghana				18	12		09-Mar-20				16	10		22-Feb-20					17	20	17-Sep-20
	Togo				8	9		03-May-20				1	9		09-Jul-20							
Angola				138	3		09-Feb-20				22			31-Oct-19					17		02-Dec-19	
Malaysia																		3	5		04-Feb-20	
Philippines				12	1		15-Jan-20				6			23-Nov-19					19	4	16-Jan-20	
Zambia				2			25-Nov-19				2			25-Sep-19								
China				1			25-Apr-19				3			18-Aug-19			1				18-Apr-18	
Mozambique				1			21-Oct-18			2				17-Dec-18								
Syria		74					21-Sep-17	1 ³	66					12-Sep-17								
Total type 2	2	96	71	366	1079	566		3	85	74	177	285	290		5	2	65	198	536	386		
cVDPV3 ¹	China											1		22-Jul-20						1	25-Jan-21	
	Somalia				7 ⁵		07-Sep-18			2				29-Jun-18			11				23-Aug-18	
	Total type 3	0	0	7	0	0	0		0	0	2	0	1	0		0	0	11	0	0	1	
Gender	Female (all sero type)	3	54	34	151	493	245															
	Male (all sero type)	2	42	70	215	610	333															
	Gender Unknown				12	10	2															

■ Environmental surveillance for poliovirus in selected sewage sites established and working

Changes from previous week